Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Tuesday 30 May 2023 until 23:59 on Wednesday 31 May 2023

Forecast Issued on Monday 29 May 2023 at 15:39

Confidence: High for continued dry and mostly fine weather this week.

Headline for Tuesday 30 May 2023: Dry throughout. A mostly cloudy morning then prolonged sunshine developing during the afternoon. Breezy at height.

Mountain weather hazards on Tuesday 30 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Partly cloudy (night)
Precipitation probability							
00%	00%	<05%	<05%	00%	00%	00%	<05%

Forecast for Tuesday 30 May 2023

Weather: Clear for a time overnight then becoming mostly cloudy by dawn, particularly in the east. Often cloudy through the morning with the best of any brightness in the west. Cloud lifting and clearing into the afternoon to largely sunny conditions. Extensive low cloud moving in from the east towards midnight. Noticeably breezy on exposed ridges and summits.

Chance of cloud-free hill tops above 600m: 60% around dawn in the east, 80% in the west, increasing to 100% in all areas by mid-late morning. Becoming 40% around midnight.

Low cloud and visibility: Widespread morning cloud in many areas, occasionally to around 500m, mainly in eastern and central areas early daytime. Cloud lifting clear of all summits by mid-late morning and dissipating during the afternoon. Extensive low cloud with bases 400-500m spreading west by late evening. Outside of cloud very good visibility with distant peaks in clear view.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Tuesday 30 May 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/26 E	17/24 E	19/25 NE	19/25 NE	17/23 NE	16/23 NE	17/23 NE	18/25 E	19/26 NE
300	9/11 S	6/8 SE	10/14 NE	14/20 E	12/18 NE	12/18 NE	12/19 NE	12/19 E	14/20 NE
Valley	4/11 E	4/11 NE	7/15 E	11/20 E	10/18 NE	9/17 NE	9/18 NE	6/16 E	9/20 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	7/3	5/1	6/1	8/3	10/7	12/9	12/8	8/4	6/1
300	8/5	7/5	8/6	11/8	13/11	15/13	14/12	10/8	8/5
Valley	8/6	6/5	10/8	13/10	16/14	17/15	16/14	11/10	9/7
Freezing Level*	2300m	2300m	2200m	2500m	2500m	2400m	2300m	2300m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels will be high again on Tuesday once the cloud clears so adequate sun protection is required. Feeling warm in the afternoon sunshine, especially in valleys so bring plenty of water. With gusty winds at height take extra care with footing.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Mon 29 May 2023	0mm	0mm	0mm

Forecast for Wednesday 31 May 2023

Weather: Low cloud overnight remaining extensive and lowering to cover many eastern hills and some central and western upslopes early morning. Cloud lifting by late morning and clearing early afternoon to leave a fine, sunny and rather warm day. Widespread low cloud spreading in from the east again during the evening. Fairly breezy again on ridges and summits.

Maximum wind: Easterly or northeasterly 20mph, with gusts 25-30mph.

Chance of cloud-free hill tops above 600m: 20% in the east at first, 40% in the west, increasing 100% in all areas from late morning. Becoming 40% by late evening.

Low cloud and visibility: Rather extensive low cloud to around 300-400m at first, especially in the east. Cloud soon lifting clear of all summits and dissipating by mid-late morning. Extensive low cloud with bases 400-500m spreading west by late evening. Very good or excellent visibility once again outside of any cloud.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 18 Celsius
At 600m: Plus 5 Celsius rising to Plus 12 Celsius
Freezing level: Above summits

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